

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
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| 1001 | Maintenance of traffic per assignment. | 2 | EA |
| 2002 | Test Pit Excavation | 6 | C.Y. |
| 5001 | Removal of existing permanent pavement line markings any width | 685 | L.F. |
| 5005 | 12" white preformed thermoplastic pavement marking lines. | 865 | L.F. |
| 5006 | 24" white preformed thermoplastic pavement marking lines. | 50 | L.F. |
| 6001 | Standard type A combination curb and gutter 12" gutter pan 8" depth. | 200 | L.F. |
| 6002 | 5" concrete sidewalk. | 650 | S.F. |
| 8001 | 12" LED signal head section. | 7 | EA |
| 8002 | 2 wire Central Control unit | 1 | EA |
| 8004 | 8" LED signal head section. | 12 | EA |
| 8007 | Audible/tactile pedestrian pushbutton station & signs. | 6 | EA |
| 8008 | Breakaway pedestal pole (5' & 10') | 6 | EA |
| 8010 | LED 16" countdown pedestrian signal head. | 6 | EA |
| 8011 | LED signal head modules (any size) | 27 | EA |
| 8013 | Remove and dispose of equipment (per assignment) | 1 | EA |
| 8018 | Schedule 80 rigid PVC conduit up to 4" - trenched. | 200 | L.F. |
| 8019 | Detectable warning surface for curb ramps | 90 | S.F. |
| 8023 | Electrical cable - 2 conductor (No. 14 AWG). | 650 | L.F. |
| 8025 | Electrical cable - 5 conductor (No. 14 AWG). | 650 | L.F. |
| 8026 | Electrical cable - 7 conductor (No. 14 AWG). | 750 | L.F. |
| | Wood sign supports up to 4"x6". | 60 | L.F. |
| | Install overhead or ground mounted sign. | 22 | S.F. |

C. EQUIPMENT TO BE REMOVED

All removed signal materials are to become the property of the contractor.

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| <p>Ms. Erin Kuhn
 Assistant District Engineer - Traffic
 Phone: (410) 321-2781</p> | <p>Mr. Richard L. Daff, Sr.
 Chief, Traffic Operations Division
 Phone: (410) 787-7630</p> |
| <p>Mr. Andre Futrell
 Assistant District Engineer - Maintenance
 Phone: (410) 321-2761</p> | <p>Mr. Ed Rodenhizer
 Chief, Traffic Signal Operations
 410-787-7652</p> |
| <p>Mr. Mike Pasquaiello
 Assistant District Engineer - Utility
 Phone: (410) 321-2841</p> | <p>Mr. Sonny Bailey
 Chief Sign Shop
 410-787-7670</p> |

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

WIRING KEY

4000 CABLE	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
5000 CABLE	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

P - STRANDED BARE COPPER GROUND
WIRE (NO. 6 A.W.G.)

* - USE EXISTING WIRING

EL - EXISTING LOOP

ES - EXISTING OVERHEAD SERVICE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

PHASE 1 & 5	←G-/R	←G-/R	R	←G-/R	←G-/R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
CHANGES TO PHASES	1 & 6,	2 & 5	OR 2 & 6														
PHASE 1 & 6	←G-/G	←G-/G	G	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 & 6 CHANGE	←Y-/Y	←Y-/Y	Y	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	R	R	R	←G-/G	←G-/G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW
2 & 5 CHANGE	R	R	R	←Y-/Y	←Y-/Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	WK	WK	DW	DW	DW	DW
PED CLEAR / COUNTDOWN	G	G	G	G	G	G	R	R	R	R	R	FL/DW	FL/DW	DW	DW	DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	$\frac{G}{\leftarrow G}$	$\frac{G}{\leftarrow G}$	R	R	R	DW	DW	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	R	Y	Y	R	R	DW	DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	$\frac{G}{\leftarrow G}$	$\frac{G}{\leftarrow G}$	R	DW	DW	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 3 ALT	R	R	R	R	R	R	$\frac{G}{\leftarrow G}$	$\frac{G}{\leftarrow G}$	R	R	R	DW	DW	WK	WK	DW	DW
PED CLEAR / COUNTDOWN	R	R	R	R	R	R	$\frac{G}{\leftarrow G}$	$\frac{G}{\leftarrow G}$	R	R	R	DW	DW	FL/DW	FL/DW	DW	DW
3 ALT CHANGE	R	R	R	R	R	R	R	Y	Y	R	R	DW	DW	DW	DW	DW	DW
PHASE 4 ALT	R	R	R	R	R	R	R	R	$\frac{G}{\leftarrow G}$	$\frac{G}{\leftarrow G}$	R	DW	DW	DW	DW	WK	WK
PED CLEAR / COUNTDOWN	R	R	R	R	R	R	R	R	$\frac{G}{\leftarrow G}$	$\frac{G}{\leftarrow G}$	R	DW	DW	DW	DW	FL/DW	FL/DW
4 ALT CHANGE	R	R	R	R	R	R	R	R	Y	Y	R	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

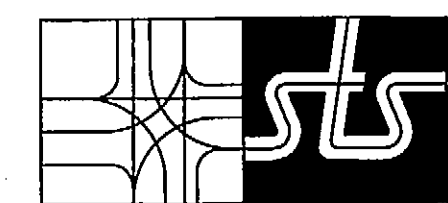
A } 7-CONDUCTOR ELECTRICAL
 CABLE (NO. 14 A.W.G)
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 CABLE } 5-CONDUCTOR ELECTRICAL
 CABLE (NO. 14 A.W.G)
 CABLE }
 CABLE } 2-CONDUCTOR ELECTRICAL
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WIRE (NO. 6 A.W.G.)

* - USE EXISTING WIRING

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Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5668.dq

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PLOTTED: $DATETIME$
FILE: $FILE$

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 140 (REISTERSTOWN ROAD)
AND FRANKLIN HIGH SCHOOL

GENERAL INFORMATION SHEET

SCALE NONE DATE 5/04/09 CONTRACT NO. XX4275185

DESIGNED BY JAMES ALLEN Jr. COUNTY BALTIMORE

DRAWN BY JAMES ALLEN Jr. LOGMILE 03014008.1

CHECKED BY _____ TIMS NO. J340

F.A.P. NO. _____ TOD NO _____

TS NO. 943E	DRAWING NO. 2 OF 2	SHEET NO. OF
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